# High resolution versatile display solution

## 50" Wide WXGA Plasma Monitor

This large WXGA monitor is a real eye catcher for indoor public areas thanks to its size and outstanding video performance. Razor sharp display of graphics and pc-presentations make this monitor also a welcome guest in boardrooms.

**Operational flexibility**
- Monitor is network controllable for remote management
- Multiple PC input formats up to WXGA
- Wide choice of analog and digital connectivity
- Quiet and reliable fanless operation
- VGA loop through to daisy chain other monitors
- Multiple video input formats up to SXGA and HDTV compatible

**Optimal Public Display front of screen experience**
- WXGA,wide format 1366x786 resolution for sharper display
- 3D combfilter separates colors for a razor-sharp image
- 3:2 Pulldown eliminates artefacts when watching movies
- Motion Adaptive De-interlacing for razor sharp images
- HDTV Signal Compatible to display HDTV content
- PiP allows watching a second source simultaneously

PHILIPS

# 50 inch Plasma Monitor

# BDH5011/00

## Technical specifications

### Picture/Display

- Panel Size: 50" / 127cm
- Aspect ratio: 16:9
- Panel resolution: 1366 x 768p
- Pixel pitch: 0.81 x 0.81 mm
- Brightness: 1000 cd/m²
- Contrast ratio: 1000:1
- Display colors: 16.7 Million colors
- Viewing angle: 160 (H) / 160 (V)
- Effective viewing area: 1107 x 622mm
- Horizontal Scanning Frequency: 15.5-91 kHz
- Vertical Scanning Frequency: 50 - 85 Hz
- Picture enhancement: 3D Combfilter, 3/2 - 2/2 motion pull down, Motion adaptive de-interlacing, Picture in Picture

### Supported Display Resolution

| Resolution | Refresh rate |
|---|---|
| • Computer formats | |
| 640 x 480 | 50,60,67,72,75,85Hz |
| 720 x 400 | 70Hz |
| 800 x 600 | 56, 60, 72, 75,85Hz |
| 848 x 480 | 60Hz |
| 1024 x 768 | 60, 70, 75, 85Hz |
| 1280 x 1024 | 60, 75, 85Hz |
| 1280 x 960 | 60, 85Hz |
| 1360 x 768 | 60Hz |
| 1366 x 768 | 60Hz |
| • Video formats | |
| 480p | 60Hz |
| 720p | 60Hz |
| 1080i | 60Hz |

- VGA 640 x 350: 70 Hz
- WVGA 852 x 480: 60 Hz
- MAC 832 x 624: 75 Hz
- MAC 1152 x 870: 75 Hz

### Connectivity

- PC: DVI-D x1, RS232 D-Sub9, VGA-in D-Sub 15HD, VGA-out D-Sub 15HD
- Audio input for video: Audio Left/Right (RCA x 2)
- AV input: Component (YPbPr) 2x, S-video x1, Composite (CVBS) x1, Audio (L/R) for YPbPr x1
- Audio cinch out: Analog audio output L/R
- Audio input for data: Audio Left/Right (RCA) 2x
- Audio input for PC: Audio Left/Right (RCA 2x)
- Audio output: Stereo Audio (3.5 mm jack) 1x, Speaker Out 2x mini-jack 3.5mm, Subwoofer Out

### Convenience

- Convenience Enhancements: On-screen Display
- DPMS power saving system
- Monitor Controls: Left/Right, Power On/Off, Up/Down
- Built-in Audio: Built-in amplifier and 5 Watts RMSx2 stereo speakers
- Regulatory Approvals: FCC-B, UL, CSA, CE Mark
- RS232 controlability

### Power

- Consumption: 500 Watts max. (full white)
- Power supply: 100-240VAC, 50/60Hz
- Sleep Mode: 5 Watts Max.

### Dimensions

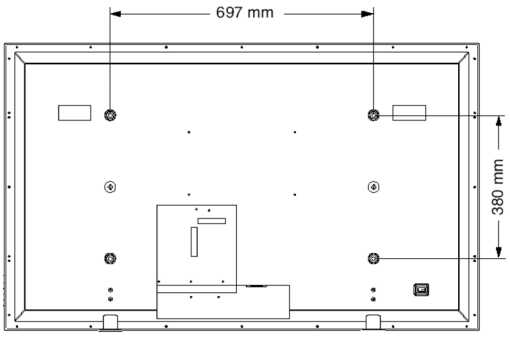
- Dimensions (with base) (W x H x D): 1256 x 810 x 300 mm
- Dimensions (without base) (W x H x D): 1256 x 762 x 107.5 mm
- Weight: 49 kg
- Temperature Range (Operation): 0 degree C to +40
- Temperature Range (Storage): -20 degree C to +60
- Relative Humidity: 20% - 80 %
- Lifetime to 50% brightness: 20000 hr

### Accessories

- Included Accessories: AC Power Cord, Battery, Remote Control, Table top stand, VGA cable
- User Guide on CD-ROM
- Optional accessories: Ceiling mount, Flexible wall mount, Fixed wall mount
- User Manual: English

### Miscellaneous

- Bezel: Silver




## Product highlights

**Network controllability: RS232**
*Network controllability is system by which IT staff can control and adjust monitors remotely through the RS232 protocol.*

**HDTV Signal Compatible**
*This display is capable of accepting 1080i and 720p HDTV signals via na external HDTV decoder with RGB or Components Video outputs*

**VGA loop through**
*In case more than one screen need to share the same input signal, VGA loop through offers a cost effective solution in which the VGA input signal is amplified and made available on a VGA output connector which can be connected to the next monitor*

**3D Combfilter**
*The 3D comb filter separates brightness and color signals better in 3D domain to eliminate cross-color, cross-luminance and dot-crawl distortion - all of which detract from your viewing pleasure. The 3D digital comb filter performs field-by-field comparisons of the television image to accurately separate the color from the black-and-white information and remove both horizontally and vertically hanging dots, as well as dot crawl. The result is a razor sharp image.*

**3:2 Pulldown**
*3:2 Pulldown totally eliminates the unwanted artefacts that distort your picture viewing when watching movies. With these artefacts gone, you will enjoy the movie the way it is meant to be.*

**Motion adaptive de-interlacing**
*This smart de-interlacing algorithm is able to detect the type of video source (such as Still Picture, Motion Picture or Film) and automatically optimize the de-interlacing process with Spatial, Temporal or Film mode de-interlacing. The result is that it delivers razor sharp and stable images every time.*

**Multiple PC input formats**
*The product supports PC compatibility for VGA, SVGA, XGA and WXGA. A universal public display solution requires versatile PC input support.*

**Multiple video input formats**
*In common use video content is often supplied in various formats in different resolutions and aspect ratios. Thus the content needs to be reformatted for optimal display on given screen resolution. A high class scaler guarantees optimal reformatting of any video format up to SXGA.*

**Wide choice of connectivity**
*Versatile public display solutions require versatile analogue and digital connectivity.*

**Picture In Picture (PIP)**
*Provides the ability to watch simultaneously two different sources, either two video sources or a combination with data/graphics*

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